Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		16/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
10	50mm dia M.S.Hallow pipes B class 14 gauge P.NO.X.SL.NO 286							
	RO Plant Unit							
	Vinayakanagar		1	4.80			4.80	
	Palanahalli		1	5.40			5.40	
	Dwarakanagar		1	3.20			3.20	
	Shivapura		1	4.90			4.90	
	Bellahalli		1	4.90			4.90	
	Agrahara layout		1	6.00			6.00	
	Thirumenahalli		1	5.00			5.00	
	Jaigopalgowda, Thanisandra		1	5.00			5.00	
							39.20	m
					2.47kg/m		96.82	
						Present Qty	**96.82**	**Kgs**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

4/4/18

Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		17/4/2018,19/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
11	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.P.NO.291.I.NO.38.30							
	RO Plant Unit							
	Vinayakanagar		1	4.00	4.80		19.20	
	Palanahalli		1	4.00	5.40		21.60	
	Dwarakanagar		1	3.10	5.50		17.05	
	Shivapura		1	4.00	4.90		19.60	
	Bellahalli		1	4.00	4.90		19.60	
	Agrahara layout		1	4.00	6.00		24.00	
	Thirumenahalli		1	3.20	5.50		17.60	
	Jaigopalgowda, Thanisandra		1	3.50	5.00		17.50	
						Present Qty	**156.15**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,
Project Division,
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
12	Mineral Fiber false ceiling Providing and laying of world class mineral acoustic ceiling panels of as per the following specification:- Tile of approved make Mineral Acoustic ceiling panels of size 595x595mm-12mm thick suitable for use in arrears up to 40 C and RH 70UR as per manufacturer. Tile have 15 min fire retardant and does not contain asbestos/urea formaldehyde, Technical details of New Modena are-Thermal conductivity Non-disposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid							
	RO Plant Building							
						Present Qty	**0.00**	**Sqm**

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: **Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05**

Detailed Measurements

First and Part Bill

Premeasurment Recorded on 17/4/2018,19/4/2018

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
13	KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 49.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. section anodized to 12-15 micronsP.NO.37.I.NO.7.17.1							
	RO Plant Unit							
	Entry							
	Vinayakanagar		1	2.80	2.10		5.88	
	Palanahalli		1	3.00	2.10		6.30	
	Dwarakanagar		1	3.00	2.10		6.30	
	Shivapura		1	2.80	2.10		5.88	
	Bellahalli		1	2.80	2.10		5.88	
	Agrahara layout		1	2.80	2.10		5.88	
	Thirumenahalli		1	2.80	2.10		5.88	
	Jaigopalgowda, Thanisandra		1	2.80	2.10		5.88	
	Window							
	Vinayakanagar		1	1.00	1.40		1.40	
	Palanahalli		1	1.00	1.40		1.40	
	Dwarakanagar		1	1.00	1.40		1.40	
	Shivapura		1	1.00	1.40		1.40	
	Bellahalli		1	1.00	1.40		1.40	

	Agrahara layout		1	1.00	1.40		1.40	
	Thirumenahalli		1	1.00	1.40		1.40	
	Jaigopalgowda, Thanisandra		1	1.00	1.40		1.40	
						Present Qty	**59.08**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		17/4/2018,19/4/2018,20/4/2018,21/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
14	Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete. P.NO.107 I.NO.14.44							
	RO Plant Building							
	Vinayakanagar							
			1	3.10	4.50		13.95	
	Palanahalli							
			1	3.20	5.00		16.00	
	Dwarakanagar							
			1	2.80	4.70		13.16	
	Shivapura							
			1	3.20	4.50		14.40	
	Bellahalli							
			1	3.00	4.50		13.50	
	Agrahara layout							
			1	3.10	5.60		17.36	
	Thirumenahalli							
			1	2.80	4.55		12.74	
	Jaigopalgowda, Thanisandra							
			1	2.70	4.55		12.29	
	Skirting							
	Vinayakanagar							
			2	3.10		0.10	0.62	
			2	4.50		0.10	0.90	
	Palanahalli							
			2	3.20		0.10	0.64	
			2	5.00		0.10	1.00	
	Dwarakanagar							
			2	2.80		0.10	0.56	
			2	4.70		0.10	0.94	
	Shivapura							
			2	3.20		0.10	0.64	
			2	4.50		0.10	0.90	
	Bellahalli							
			2	3.00		0.10	0.60	
			2	4.50		0.10	0.90	
	Agrahara layout							
			2	3.10		0.10	0.62	
			2	5.60		0.10	1.12	

	Thirumenahalli							
			2	2.80		0.10	0.56	
			2	4.55		0.10	0.91	
	Jaigopalgowda, Thanisandra							
			2	2.70		0.10	0.54	
			2	4.55		0.10	0.91	
	Deduct for Shutters		-8	2.40		0.10	-1.92	
						Present Qty	**123.84**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		23/4/2018,24/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
15	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m							
	RO Plant Unit							
	Vinayakanagar		1	2.40	2.10		5.04	
	Palanahalli		1	2.40	2.10		5.04	
	Dwarakanagar		1	2.40	2.10		5.04	
	Shivapura		1	2.40	2.10		5.04	
	Bellahalli		1	2.40	2.10		5.04	
	Agrahara layout		1	2.40	2.10		5.04	
	Thirumenahalli		1	2.40	2.10		5.04	
	Jaigopalgowda, Thanisandra		1	2.40	2.10		5.04	
						Present Qty	**40.32**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		23/4/2018,24/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
16	Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm thick CM 1:4 and jointed with neat cement slurry mixed with pigments to match shade of granite slabs including laying of POP on finished surface and claning the surface including cost of all meterials and labour etc, complete as per specifications.using solver grey granite/multy red/ruby red/black/Hassan green granite of width not less than 1200mm,							
	Steps							
	Vinayakanagar							
			1	2.65		0.30	0.80	
			1	2.65		0.15	0.40	
			1	0.30		0.15	0.05	
			1	0.50		0.42	0.21	
			1	0.50		0.15	0.08	
			1	0.42		0.15	0.06	
	Palanahalli							
			1	2.70		0.30	0.81	
			1	2.70		0.15	0.41	
			1	0.30		0.15	0.05	
	Dwarakanagar							
			1	2.90		0.30	0.87	
			1	2.90		0.15	0.44	
			1	0.42		0.48	0.20	
			1	0.42		0.15	0.06	
			1	0.48		0.15	0.07	
	Shivapura							
			1	3.10		0.30	0.93	
			1	3.10		0.15	0.47	
	Bellahalli							
			1	3.00		0.37	1.11	
			1	0.10		3.50	0.35	
			1	0.15		3.00	0.45	
			1	0.47		0.50	0.24	
			1	0.50		0.15	0.08	
			1	0.47		0.15	0.07	
	Agrahara layout							
			1	3.30		0.38	1.25	
			1	3.30		0.15	0.50	
			1	0.10		3.30	0.33	
			1	0.38		0.15	0.06	

			1	0.45		0.54	0.24	
			2	0.54		0.18	0.19	
			2	0.45		0.15	0.14	
	Thirumenahalli							
			1	3.45		0.45	1.55	
			1	0.25		3.45	0.86	
			1	3.20		0.20	0.64	
	Jaigopalgowda, Thanisandra							
			1	3.00		0.30	0.90	
			1	3.00		0.15	0.45	
			1	0.38		0.15	0.06	
			1	0.45		0.30	0.14	
						Present Qty	**15.48**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,

Asst. Executive Enginee
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05							
Detailed Measurements							
First and Part Bill							
Premeasurment Recorded on	25/4/2018,26/4/2018,27/4/2018,28,4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
17	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications, with primer .P.NO.117.I.NO.15.53.2							
	RO Plant Building							
	Internal painting							
	Vinayakanagar							
			2	3.10		3.55	22.01	
			2	4.50		3.55	31.95	
	Palanahalli							
			2	3.20		3.55	22.72	
			2	5.00		3.55	35.50	
	Dwarakanagar							
			2	2.80		3.55	19.88	
			2	4.70		3.55	33.37	
	Shivapura							
			2	3.20		3.55	22.72	
			2	4.50		3.55	31.95	
	Bellahalli							
			2	3.00		3.55	21.30	
			2	4.50		3.55	31.95	
	Agrahara layout							
			2	3.10		3.55	22.01	
			2	5.60		3.55	39.76	
	Thirumenahalli							
			2	2.80		3.55	19.88	
			2	4.55		3.55	32.31	
	Jaigopalgowda, Thanisandra							
			2	2.70		3.55	19.17	
			2	4.55		3.55	32.31	
	Deduct for Shutters		-8	2.40		2.10	-40.32	
	Deduct for Windows		-8	1.00		1.40	-11.20	
	External painting							
	Vinayakanagar							
			2	3.05		3.55	21.66	
			2	4.90		3.55	34.79	
	Palanahalli							
			2	3.60		3.55	25.56	
			2	5.40		3.55	38.34	

	Dwarakanagar							
			2	3.20		3.55	22.72	
			2	5.10		3.55	36.21	
	Shivapura							
			2	3.60		3.55	25.56	
			2	4.90		3.55	34.79	
	Bellahalli							
			2	3.60		3.55	25.56	
			2	4.90		3.55	34.79	
	Agrahara layout							
			2	3.45		3.55	24.50	
			2	6.00		3.55	42.60	
	Thirumenahalli							
			2	3.20		3.55	22.72	
			2	4.95		3.55	35.15	
	Jaigopalgowda, Thanisandra							
			2	3.15		3.55	22.37	
			2	4.95		3.55	35.15	
	Deduct for Shutters		-8	2.40		2.10	-40.32	
	Deduct for Windows		-8	1.00		1.40	-11.20	
						Present Qty	**818.19**	**Sqm**
						Upto 125%	**694.01**	**Sqm**
						Above 125%	**124.17**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		25/4/2018,26/4/2018,27/4/2018,28/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
18	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.P.NO.120.I.NO15.74							
	Rolling shutter							
	Vinayakanagar		2.5	2.40	2.10		12.60	
	Palanahalli		2.5	2.40	2.10		12.60	
	Dwarakanagar		2.5	2.40	2.10		12.60	
	Shivapura		2.5	2.40	2.10		12.60	
	Bellahalli		2.5	2.40	2.10		12.60	
	Agrahara layout		2.5	2.40	2.10		12.60	
	Thirumenahalli		2.5	2.40	2.10		12.60	
	Jaigopalgowda, Thanisandra		2.5	2.40	2.10		12.60	
						Present Qty	**100.80**	**Sqm**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer

25/4

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		25/4/2018,26/4/2018,27/4/2018,28/4/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
19	Conveying the excavated earth by private vehicle up to 15KMS including lead and lift loading unloading etc., complete.							
	From item no.01						150.37	
						Present Qty	**150.37**	**Cum**
						Upto 125%	**59.85**	**Cum**
						Above 125%	**90.52**	**Cum**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer,

Asst. Executive Enginee
Project Division
Yelahanka Zone
Bangalore

Name of work: Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05								
Detailed Measurements								
First and Part Bill								
Premeasurment Recorded on		30/4/2018,2/5/2018						
Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
20	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. P.NO.258.I.NO.37.58							
	RO Plant Unit							
	Vinayakanagar		2	1000.00			2000.00	
	Palanahalli		2	1000.00			2000.00	
	Dwarakanagar		2	1000.00			2000.00	
	Shivapura		2	1000.00			2000.00	
	Bellahalli		2	1000.00			2000.00	
	Agrahara layout		2	1000.00			2000.00	
	Thirumenahalli		2	1000.00			2000.00	
	Jaigopalgowda, Thanisandra		2	1000.00			2000.00	
						Present Qty	**16000.00**	**lts**

Contractor

Consultant

Assistant Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore